

CD1106 – Qatrana Wellfield Area

Well CD1106 “QATRANEH NO 10” in the Qatrana wellfield area is representative of a monitoring well near a pumping center where water levels have declined steadily as previously forecast. Clark (2002) found that the water level in well CD1106 was declining between -1 and -2 m/yr during 1998-2001. The water level is currently declining -1.4 m/yr, which is also the long term trend using all data. By 2030, the saturated thickness at CD1106 is forecast to decrease to about 43 percent of the aquifer thickness. The most recent two measurements indicate a much more rapid decline since November 2010, perhaps due to pumping changes near the monitoring well. The Qatrana wellfield provides municipal supply.

